

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 70431-08-2 REGISTRY  
 CN Acetylglucosamine-1-phosphotransferase, uridine diphosphoacetylglucosamine-dolichyl phosphate (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Chitobiosylpyrophosphoryldolichol synthase  
 CN Dolichol phosphate acetylglucosamine-1-phosphotransferase  
 CN Dolichol phosphate N-acetylglucosamine-1-phosphotransferase  
 CN Dolichyl phosphate N-acetylglucosamine-1-phosphotransferase  
 CN E.C. 2.7.8.15  
 CN N-Acetylglucosaminylpyrophosphoryldolichol synthase  
 CN UDP-acetylglucosamine-dolichol phosphate acetylglucosamine phosphotransferase  
 CN UDP-acetylglucosamine-dolichol phosphate acetylglucosamine-1-phosphotransferase  
 CN UDP-N-Acetylglucosamine:dolichyl phosphate N-acetylglucosaminyl 1-phosphotransferase  
 CN Uridine diphosphate N-acetylglucosamine:dolichol phosphate N-acetylglucosamine phosphate transferase  
 MF Unspecified  
 CI MAN  
 LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses)  
 RL.NP Roles from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 \*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
 125 REFERENCES IN FILE CA (1907 TO DATE)  
 125 REFERENCES IN FILE CAPLUS (1907 TO DATE)

## NiceZyme View of ENZYME: EC 2.7.8.15

<b>Official Name</b>	
UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminephosphotransferase.	
<b>Alternative Name(s)</b>	
N-acetylglucosamine-1-phosphate transferase. GlcNAc-1-P transferase.	
<b>Reaction catalysed</b>	
UDP-N-acetyl-D-glucosamine + dolichyl phosphate <=> UMP + N-acetyl-D-glucosaminyldiphosphodolichol	
<b>Cross-references</b>	
Biochemical Pathways; map number(s)	R5
BRENDA	2.7.8.15
EMP/PUMA	2.7.8.15
WIT	2.7.8.15
Kyoto University LIGAND chemical database	2.7.8.15
IUBMB Enzyme Nomenclature	2.7.8.15
IntEnz	2.7.8.15
MEDLINE	Find literature relating to 2.7.8.15
Swiss-Prot	P24140, GPT_CRIGR ; P23338, GPT_CRILO ; Q9H3H5, GPT_HUMAN ; P42864, GPT_LEIAM ; P42867, GPT_MOUSE ; P42881, GPT_SCHPO ; P39465, GPT_SULAC ; P96000, GPT_SULSO ; P07286, GPT_YEAST ;

*View entry in original ENZYME format*

All Swiss-Prot entries referenced in this entry, with possibility to download in different formats, align etc.

All ENZYME/Swiss-Prot entries corresponding to 2.7.8.- <sup>new</sup>

All ENZYME/Swiss-Prot entries corresponding to 2.7.-

All ENZYME/Swiss-Prot entries corresponding to 2.-